

WHAT IS CLAIMED IS:

1. A method for automatically creating a database of fingerprints/landmarks related to known media samples for use in an audio recognition system, comprising:
  - extracting a plurality of parameters from a media including a known media sample during a playing of the media by a user;
  - transmitting the plurality of parameters to a predetermined server on a communication network, which predetermined server is coupled to a recognition database;
  - storing the plurality of parameters in the recognition database along with an identity of the known media sample; and
  - processing the plurality of parameters into a plurality of fingerprints/landmarks used in a recognition process.
2. The method according to claim 1, further comprising:
  - sending, simultaneously with transmitting the plurality of parameters to the server, metadata used to identify the media sample to a second predetermined server; and
  - forwarding a resulting identification to the server coupled to the recognition database.
3. The method according to claim 2, further comprising returning the resulting identification to the user and then uploading the resulting identification with transmitting of the plurality of parameters.

4. The method according to claim 2, wherein the resulting identification is forwarded directly to the first predetermined server coupled to the recognition database.

5. The method according to claim 1, further comprising performing a check prior to extracting the plurality of parameters to determine whether the recognition database currently holds a latest version of the media sample before extracting the plurality of parameters.

6. The method according to claim 1, wherein the media includes a compact disk or digital video disk that is played on the user's personal computer.

7. The method according to claim 1, wherein the media includes a streaming media sample being played on the user's personal computer.

8. The method according to claim 1, wherein the media includes a file stored on a memory device of the user's personal computer.

9. The method according to claim 8, wherein the extracting process includes scanning the memory device to locate the file and extracting the plurality of parameters from the file.

10. A method for automatically creating a database of fingerprints/landmarks related to known media samples for use in an audio recognition system, comprising:

extracting a plurality of parameters from a media;  
transmitting the plurality of parameters to a predetermined server on a communication network, which predetermined server is coupled to a recognition database;  
storing the plurality of parameters in the recognition database; and  
processing the plurality of parameters into a plurality of fingerprints/landmarks used in a recognition process.

11. The method according to claim 10, further comprising:  
sending, simultaneously with transmitting the plurality of parameters to the server, metadata used to identify the media sample to a second predetermined server; and  
forwarding a resulting identification to the server coupled to the recognition database.
12. The method according to claim 11, further comprising returning the resulting identification to the user and then uploading the resulting identification with transmitting of the plurality of parameters.
13. The method according to claim 11, wherein the resulting identification is forwarded directly to the first predetermined server coupled to the recognition database in association with the stored parameters for said media sample.

14. The method according to claim 10, further comprising performing a check prior to extracting the plurality of parameters to determine whether the recognition database currently holds a latest version of the media sample before extracting the plurality of parameters.

15. The method according to claim 10, wherein the media includes a compact disk or digital video disk.

16. The method according to claim 10, wherein the media includes a streaming media sample.

17. The method according to claim 10, wherein the media includes a file stored on a memory device.

18. The method according to claim 17, wherein the extracting process includes scanning the memory device to locate the file and extracting the plurality of parameters from the file.